OK - MW
5/29/96 - left message w/ Jeff Hoffer approving recommendation

HOFFER & ASSOCIATES
CONSULTING HYDROGEOLOGISTS

RR 4, Box 2286
Montpelier, VT 05602
(802) 229 - 1113
fax: 229 - 2780

May 14, 1996

Matthew Moran, Site Project Manager
Sites Management Section
VT DEC - Waste Management Division
103 South Main Street/West Building
Waterbury, VT 05671-0404

Re: Groundwater Monitoring Results, J&A Auto Repair, Bakersfield, Vermont
SMS Site #94-1728

Dear Matt:

This letter presents the results of a groundwater monitoring event at J&A Auto Repair in Bakersfield, Vermont. As you requested in your letter dated December 14, 1996, we are monitoring the site on a semi-annual basis. This report summarizes the first sampling event for 1996. The monitoring results and other site data are presented in the following enclosures:

Table 1 - Groundwater elevation measurements
Table 2 - Groundwater sampling results for May 1, 1996
Table 3 - Groundwater analytical data by well
Figure 1 - Site location map
Figure 2 - Site map
Figure 3 - Groundwater fluctuations
Figure 4 - Water-table map, May 1, 1996
Figure 5 - Isoconcentration contour map for MTBE, May 1, 1996
Groundwater Sampling Data Sheet
Chain-Of-Custody
Scitest Laboratory Services Analytical Report

Groundwater samples were collected on May 1, 1996. Prior to sampling, water levels and total well depths were measured in each well. MW-102, MW-103, and MW-104 were dry. The remaining wells were purged of approximately three well volumes prior to collecting samples. Purging and sample collection was conducted with dedicated polyethylene bailers. The samples were transferred from the bailers to two 40 mL vials, containing hydrochloric acid for sample preservation. Immediately after collection, samples were placed in a cooler with ice. Quality assurance/quality control (QA/QC) samples included a trip blank, a field blank, and a blind duplicate sample. The trip blank consisted of two sealed 40 mL vials filled with deionized water, which were prepared by the laboratory. The trip blank was handled in a similar manner as the samples, and was returned to the laboratory for analysis with the samples. A field blank was collected at the conclusion of the sampling event by pouring deionized water into two

sample vials. The blind duplicate was collected by filling four sample vials from MW-109. Two of these vials were submitted to the laboratory as the blind duplicate, designated sample "MW-D" on the groundwater sampling data sheet and the chain-of-custody. A laboratory chain-of-custody (a copy of which is included) was used to document the sampling event and accompany the samples to the laboratory. The samples were analyzed for benzene, toluene, ethylbenzene, xylenes (BTEX), and methyl-tert-butyl-ether (MTBE) using EPA Method 8020 by Scitest Laboratory Services of Randolph, Vermont.

Groundwater elevation fluctuations at the site are shown on Figure 3, which illustrates that the May 1 water levels were at a historical maximum for the site. Markedly higher water levels were observed in MW-101 and MW-107, and are believed to represent perched water zones in the vicinity of these wells. The water levels in the remaining wells are in the 30 to 35 foot depth range, and depict a southeastward flow direction (see Figure 4). The anomalous water levels in MW-101 and MW-107 were not included in the contouring.

As shown on Table 2, the only contaminant detected during this sampling round was MTBE. This compound was detected in four wells, at concentrations ranging from 19 ug/L in MW-110 to 3 ug/L in MW-105. Figure 5 presents an isoconcentration contour map for MTBE, which illustrates a plume of dissolved-phase contamination downgradient from the former tank locations.

Relative to historical data, the May 1 groundwater sampling results show that BTEX contamination has decreased significantly. BTEX concentrations had been in the 50 to 150 ug/L range in MW-109 (September 1995), but have decreased to below detection limits for all wells. The May 1 data for MTBE show a greater distribution of this compound than previous results, however, the concentrations are all below regulatory standards.

Based on these results, we recommend that the next sampling event occur in late Summer or early Fall. If contaminant concentrations remain at or below the concentrations measured during this round, we will recommend changing the monitoring frequency to annually, or pursue site closure if possible.

If you have any questions or comments, please do not hesitate to call.

Sincerely,
HOFFER & ASSOCIATES

Jefferson P. Hoffer, P.G.
Principal Hydrogeologist

cc: Carl Ruprecht, S.B. Collins

TABLE 1

Groundwater elevation measurements,
J & A Auto Repair, Bakersfield, Vermont, SMS Site #94-1728.

DEPTH TO WATER MEASUREMENTS
(feet below TOC)

WELL ID	Elev. of TOC (feet)	4/17/95	4/20/95	8/31/95	9/6/95	10/13/95	5/1/96
MW-101	97.80	18.50	18.84	dry	dry	dry	12.48
MW-102	96.69	dry	dry	dry	dry	dry	dry
MW-103	96.64	dry	dry	dry	dry	dry	dry
MW-104	97.65	dry	dry	dry	dry	dry	dry
MW-105	96.46	33.46	34.14	36.26	36.29	36.50	31.85
MW-106	96.85	35.36	35.14	37.77	37.89	38.12	35.58
MW-107	96.94	29.32	29.14	dry	dry	dry	26.51
MW-108	97.70				dry	dry	34.16
MW-109	97.54				36.62	36.82	31.84
MW-110	96.83				37.42	37.63	32.94

GROUNDWATER ELEVATIONS (feet)

WELL ID	Elev. Ground Surface (feet)	4/17/95	4/20/95	8/31/95	9/6/95	10/13/95	5/1/96
MW-101	98.13	79.30	78.96	dry	dry	dry	85.32
MW-102	97.03	dry	dry	dry	dry	dry	dry
MW-103	97.12	dry	dry	dry	dry	dry	dry
MW-104	98.12	dry	dry	dry	dry	dry	dry
MW-105	97.03	63.00	62.32	60.20	60.17	59.96	64.61
MW-106	97.29	61.49	61.71	59.08	58.96	58.73	61.27
MW-107	97.18	67.62	67.80	dry	dry	dry	70.43
MW-108					dry	dry	63.54
MW-109					60.92	60.72	65.70
MW-110					59.41	59.20	63.89

Notes:
TOC = top of casing (pvc)
Elevations are relative to an on-site benchmark of 100.00 feet

TABLE 2

Groundwater sampling results for May 1, 1996,
J & A Auto, Bakersfield, Vermont, SMS Site # 94-1728.
(results in ug/L)

WELL ID	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
MW-101	<1	<1	<1	<1	<1
MW-105	<1	<1	<1	<1	3
MW-106	<1	<1	<1	<1	<1
MW-107	<1	<1	<1	<1	<1
MW-108	<1	<1	<1	<1	8
MW-109	<1	<1	<1	<1	9 / 9
MW-110	<1	<1	<1	<1	19
Trip Blank	<1	<1	<1	<1	<1
Field Blank	<1	1	<1	<1	<1

Notes:
<1 = below a detection level of 1
<1 / <1 = sample result / field duplicate result

TABLE 3

Groundwater analytical data by well,
J & A Auto, Bakersfield, Vermont, SMS Site #94-1728.
(results in ug/L)

MW-101

Sample Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
5/1/96	<1	<1	<1	<1	<1

MW - 105

Sample Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
4/20/95	<1	<1	<1	<1	<1
5/1/96	<1	<1	<1	<1	3

MW - 106

Sample Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
4/20/95	<1	<1	<1	<1	<1
5/1/96	<1	<1	<1	<1	<1

MW - 107

Sample Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
4/20/95	<1	<1	<1	<1	<1
5/1/96	<1	<1	<1	<1	<1

MW-108

Sample Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
5/1/96	<1	<1	<1	<1	8

MW - 109

Sample Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
9/6/95	30	151	43	162	15
5/1/96	<1	<1	<1	<1	9

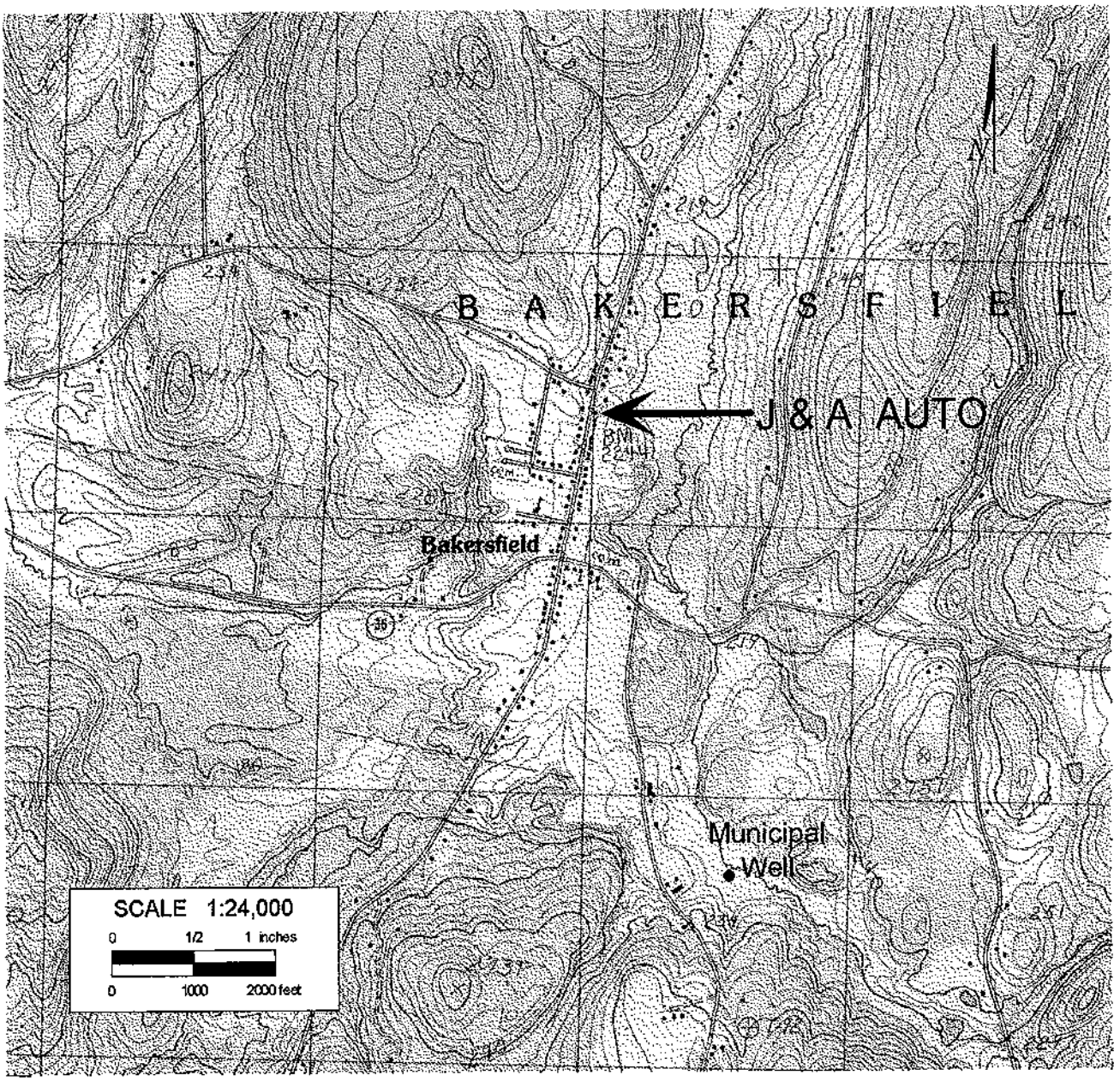
MW - 110

Sample Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
9/6/95	<1	1	<1	<1	2
5/1/96	<1	<1	<1	<1	19

QA / QC

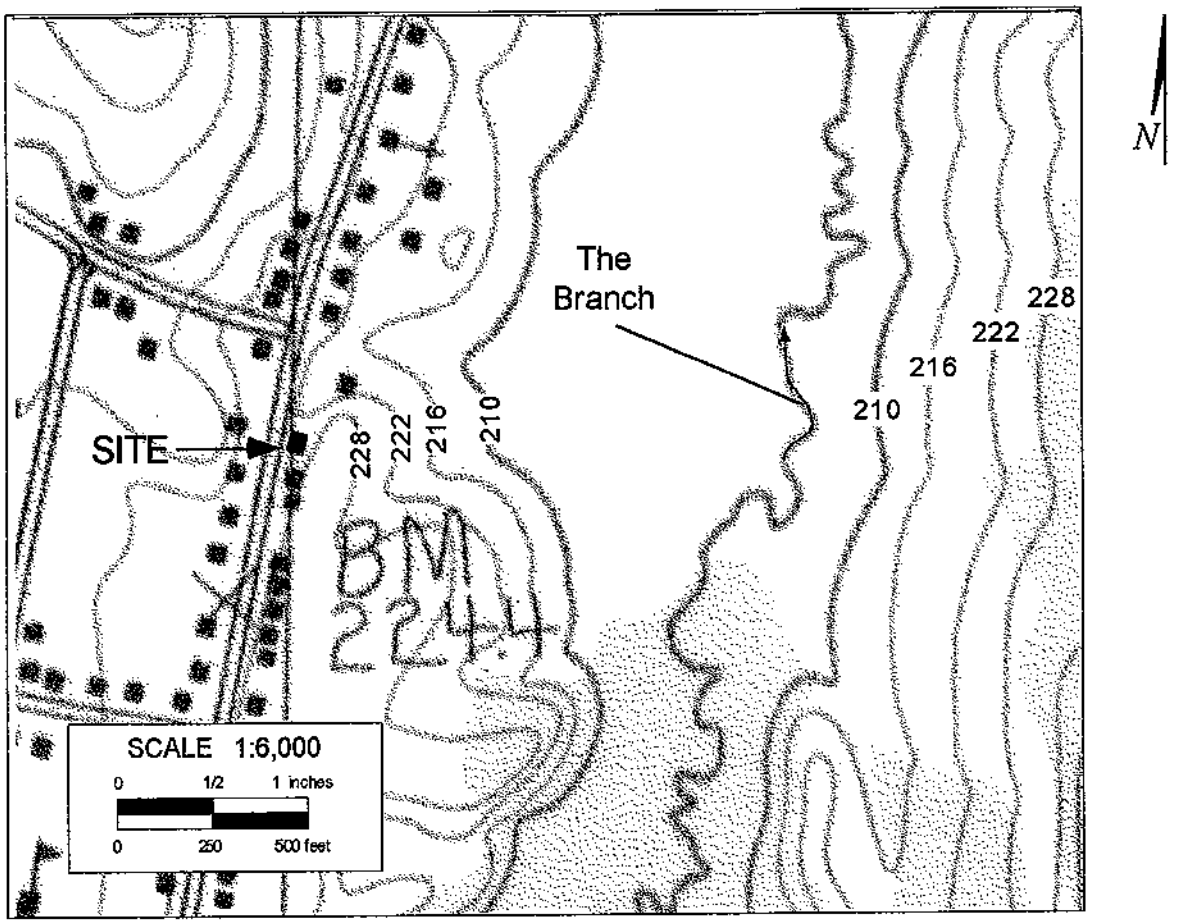
Sample Date	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
4/20/95					
Duplicate (MW-107)	<1 / <1	<1 / <1	<1 / <1	<1 / <1	<1 / <1
Trip Blank	<1	<1	<1	<1	<1
Field Blank	<1	<1	<1	<1	<1
9/6/95					
Duplicate (MW-109)	30 / 29	151 / 149	43 / 42	162 / 160	15 / 14
Trip Blank	<1	<1	<1	<1	<1
Field Blank	<1	<1	<1	<1	<1
5/1/96					
Duplicate (MW-109)	<1	<1	<1	<1	9 / 9
Trip Blank	<1	<1	<1	<1	<1
Field Blank	<1	1	<1	<1	<1

Notes:
< 1 = Less than a detection limit of 1
< 1 / < 1 = Sample result / field duplicate result



Base from U.S. Geological Survey, 1:24,000;
Bakersfield, Vermont, 1986, Provisional Edition
contours and elevations in meters

FIGURE 1
Site location map, J&A Auto, Bakersfield, Vermont,
SMS Site #94-1728.



Enlarged from U.S. Geological Survey, 1:24,000;
Bakersfield, Vermont, 1986, Provisional Edition
contours and elevations in meters

FIGURE 2
Site vicinity map, J&A Auto, Bakersfield, Vermont,
SMS Site #94-1728.

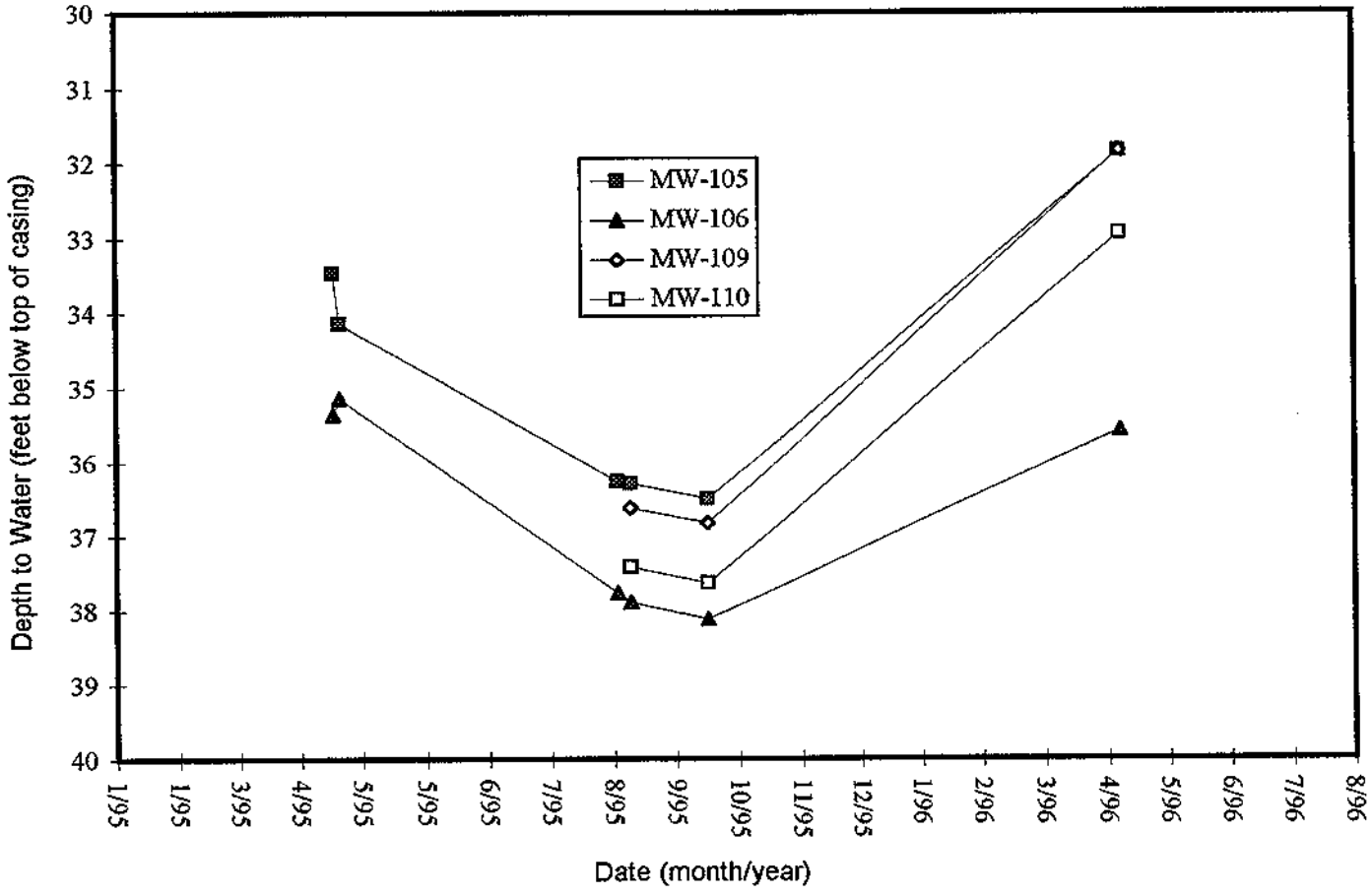


FIGURE 3
Groundwater fluctuations,
J&A Auto Repair, Bakersfield, Vermont.

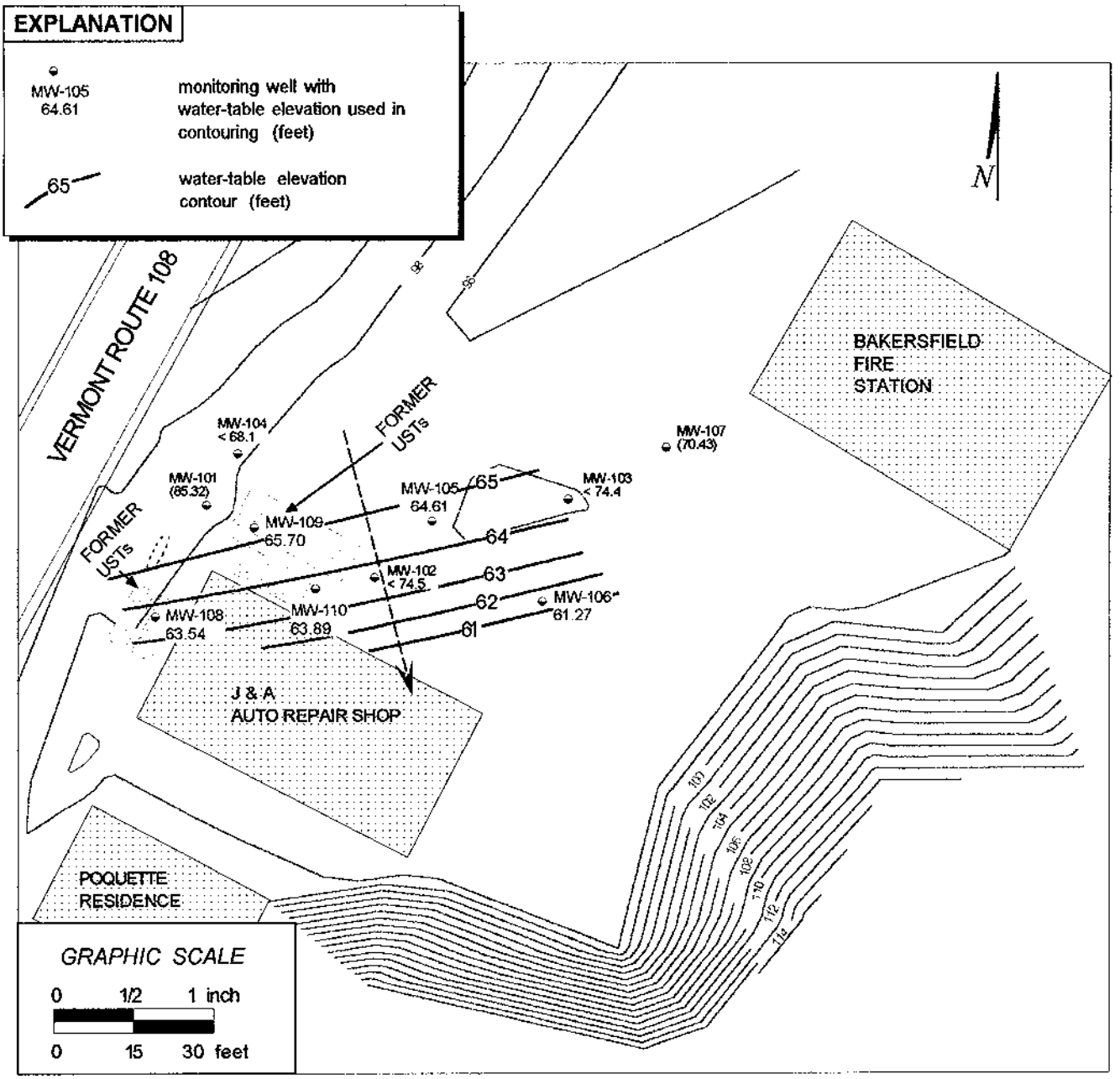


FIGURE 4
Water-table map, May 1, 1996,
J&A Auto, Bakersfield, Vermont,
SMS Site #94-1728.

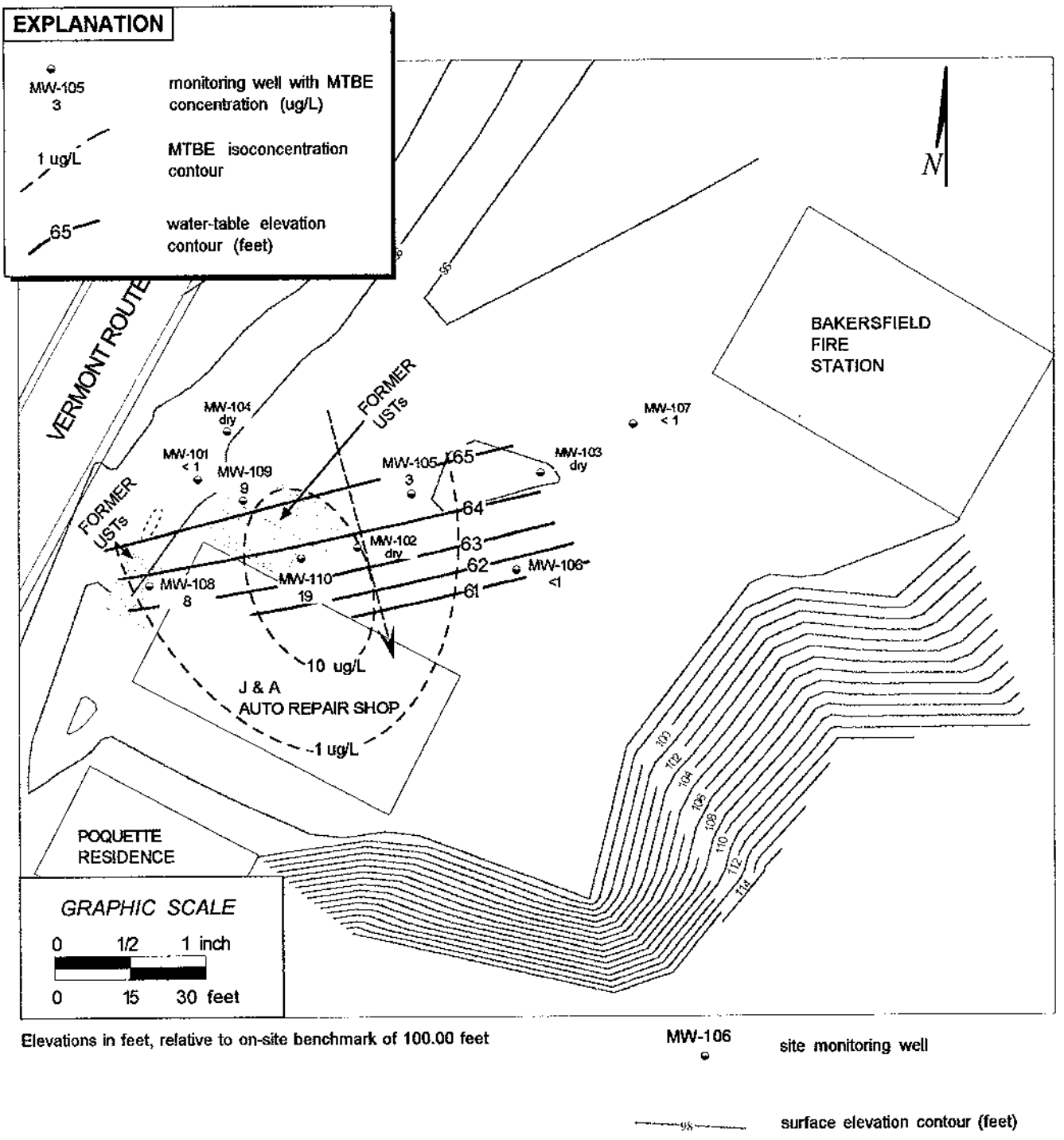


FIGURE 5
Isoconcentration contour map for MTBE, May 1, 1996,
J&A Auto, Bakersfield, Vermont,
SMS Site #94-1728.

GROUNDWATER SAMPLING DATA SHEET

LOCATION: J+A AUTO REPAIR
DATE: MAY 1, 1996

SAMPLE METHOD: 2" POLY BAILERS
SAMPLING TEAM: TF SCHMALZ

WELL ID	PID Head Space (ppm)	Depth to Water (ft)	Total Well Depth (ft)	Water Column (ft)	3 Well Volumes* (gals)	Total Purged (gals)	Sample Time	Sample Type	Chain-of-Custody Number	Chain-of-Custody Time	Remarks
TB-01	NA	—	—	—	—	→	0900	TB	TB-01	0900	TRIP BLANK
MW-101	|	12.48	18.90	6.42	3.08	3.25	0940	S	MW-101	0940	LIGHT BROWN, S. TURBID
MW-102	|	DRY	22.17	DRY TO 22.		14'	—	S	—		—
MW-103	|	DRY	22.26	DRY TO 22.		28'	—	S	—		—
MW-104	|	DRY	29.70	DRY TO 29.		70'	—	S	—		—
MW-105	|	31.85	39.29	7.44	3.57	3.50	1015	S	MW-105	1015	LT. BRN., S. TURBID
MW-106	|	33.58	44.80	11.22	5.39	5.0	1030	S	MW-106	1030	LT. BRN, " "
MW-107	|	26.51	34.28	7.78	3.73	3.0	1055	S	MW-107	1055	" "
MW-108	|	34.16	~~37.88~~	3.72	1.79	1.80	0955	S	MW-108 ~~0955~~	0955	LT. BROWN, S. TURBID — NEW BAILER
MW-109	|	31.84	44.0	12.16	5.84	5.6	1130	S	MW-109	1130	CLEAR - OKAY
MW-109	|	↓	44.0	↓	↓	↓	↓	D	MW-D	1140	DUPLICATE SAMPLE
MW-110	|	32.94	45.0	12.06	5.79	5.0	1110	S	MW-110	1110	LT. BROWN, TURBID
FB-01	↓	—	—	—	—	→		FB	FB-01	1145	FIELD BLANK

* *(1.5" = 0.092 gals/ft, 2" = 0.16 gals/ft, 4" = 0.65 gals/ft, 6"=1.5 gals/ft)*

REMARKS _____

Scitest, Inc.
P.O. Box 339
Route 66 Professional Center, Randolph, VT 05060
Phone: (802)728-6313 Fax: (802)728-6044

Client: Jefferson P. Hoffer & Associates
Contact: Tim Schmalz
Project Name: J&A Auto

Address: RR 4 Box 2286, Comstock Road
Montpelier, VT 05602
Date requested: 03/26/96
Date shipped: Tim Wil Pick UP
Date scheduled:

Project # 70249
Phone No: *
Requested by: KED

Bill to: Carl Ruprecht
S.B. Collins, Inc
54 Lower Welden St.
St. Albans, VT 05478
cc results to: Hoffer & Assocs.

CHAIN OF CUSTODY RECORD	DATE	TIME		DATE	TIME
Sampled By:* Timothy J. Schmalz	5/1/96		Relinquished By: Timothy J. Schmalz	5/1/96	1745
Accepted By:			Relinquished By:*	*	*
Accepted By:			Received by Scitest: Kathleen Dugan	5/02/96	8:30a

Item Nos	Client ID or Description	Sampling Date	Sampling Time	Matrix	Preservative or Label	Bottle Type Plastic/Glass	Container Volume	Bottles per Sample	Parameters and Expiration Time >7days
-1	MW-101	5/1/96	0940	GW	HCl	Glass	40 mL	2	EPA 8020
-2	MW-108	*	0955	GW	HCl	Glass	40 mL	2	EPA 8020
-3	MW-105	*	1015	GW	HCl	Glass	40 mL	2	EPA 8020
-4	MW-106	*	1030	GW	HCl	Glass	40 mL	2	EPA 8020
-5	MW-107	*	1055	GW	HCl	Glass	40 mL	2	EPA 8020
-6	MW-110	*	1110	GW	HCl	Glass	40 mL	2	EPA 8020
-7	MW-109	*	1130	GW	HCl	Glass	40 mL	2	EPA 8020
-8	MW-D	*	1140	GW	HCl	Glass	40 mL	2	EPA 8020
-9	FB-01	*	1145	GW	HCl	Glass	40 mL	2	EPA 8020
~~-10~~		*	*	GW	HCl	Glass	40 mL	2	EPA 8020
~~-11~~		*	*	GW	HCl	Glass	40 mL	2	EPA 8020
-10 ~~12~~	Trip Blank	*	*	GW	HCl	Glass	40 mL	2	EPA 8020

w:\requests\

Report Reviewed By: Date:	Preserve Check: Cool	Project Nos 70249 90048	LABORATORY NUMBER: 9605-0137 LOGIN: Dugan

SCITEST
LABORATORY SERVICES

ANALYTICAL REPORT

P.O. Box 339
Randolph, Vermont 05060-0339
(802) 728-6313

SB Collins, Inc.
54 Lower Welden Street
St. Albans, VT 05478

Carl Ruprecht

Work Order No.: 9605-01374

Project Name: J & A Auto
Customer Nos.: 090048

Date Received: 5/02/96
Date Reported: 5/06/96

Sample Desc.: Hoffer-MW 101
Sample Date: 5/01/96
Collection Time: 9:40

Test Performed	Method	Results	Units	Analyst	Analysis Date
Aromatic Volatile Organics	EPA 8020			JPM	5/03/96
Methyl Tertiary Butyl Ether	EPA 8020	BPQL	ug/L	JPM	5/03/96
Benzene	EPA 8020	BPQL	ug/L	JPM	5/03/96
Toluene	EPA 8020	BPQL	ug/L	JPM	5/03/96
Ethyl Benzene	EPA 8020	BPQL	ug/L	JPM	5/03/96
Total Xylenes	EPA 8020	BPQL	ug/L	JPM	5/03/96
Chlorobenzene	EPA 8020	BPQL	ug/L	JPM	5/03/96
1,2-Dichlorobenzene	EPA 8020	BPQL	ug/L	JPM	5/03/96
1,3-Dichlorobenzene	EPA 8020	BPQL	ug/L	JPM	5/03/96
1,4-Dichlorobenzene	EPA 8020	BPQL	ug/L	JPM	5/03/96
Surrogate: 8020				JPM	5/03/96
***Bromofluorobenzene-8020		106	% Recovery	JPM	5/03/96

Sample Desc.: Hoffer-MW 108
Sample Date: 5/01/96
Collection Time: 9:55

Test Performed	Method	Results	Units	Analyst	Analysis Date
Aromatic Volatile Organics	EPA 8020			JPM	5/03/96
Methyl Tertiary Butyl Ether	EPA 8020	8	ug/L	JPM	5/03/96
Benzene	EPA 8020	BPQL	ug/L	JPM	5/03/96
Toluene	EPA 8020	BPQL	ug/L	JPM	5/03/96
Ethyl Benzene	EPA 8020	BPQL	ug/L	JPM	5/03/96
Total Xylenes	EPA 8020	BPQL	ug/L	JPM	5/03/96
Chlorobenzene	EPA 8020	BPQL	ug/L	JPM	5/03/96
1,2-Dichlorobenzene	EPA 8020	BPQL	ug/L	JPM	5/03/96
1,3-Dichlorobenzene	EPA 8020	BPQL	ug/L	JPM	5/03/96
1,4-Dichlorobenzene	EPA 8020	BPQL	ug/L	JPM	5/03/96
Surrogate: 8020				JPM	5/03/96
***Bromofluorobenzene-8020		106	% Recovery	JPM	5/03/96

ANALYTICAL REPORT

Project Name: J & A Auto
Project No.: 090048

Work Order No.: 9605-01374

Sample Desc.: Hoffer-MW 105
Sample Date: 5/01/96
Collection Time: 10:15

Test Performed	Method	Results	Units	Analyst	Analysis Date
Aromatic Volatile Organics	EPA 8020			JPM	5/03/96
Methyl Tertiary Butyl Ether	EPA 8020	3	ug/L	JPM	5/03/96
Benzene	EPA 8020	BPQL	ug/L	JPM	5/03/96
Toluene	EPA 8020	BPQL	ug/L	JPM	5/03/96
Ethyl Benzene	EPA 8020	BPQL	ug/L	JPM	5/03/96
Total Xylenes	EPA 8020	BPQL	ug/L	JPM	5/03/96
Chlorobenzene	EPA 8020	BPQL	ug/L	JPM	5/03/96
1,2-Dichlorobenzene	EPA 8020	BPQL	ug/L	JPM	5/03/96
1,3-Dichlorobenzene	EPA 8020	BPQL	ug/L	JPM	5/03/96
1,4-Dichlorobenzene	EPA 8020	BPQL	ug/L	JPM	5/03/96
Surrogate: 8020				JPM	5/03/96
***Bromofluorobenzene-8020		107	% Recovery	JPM	5/03/96

Sample Desc.: Hoffer-MW 106
Sample Date: 5/01/96
Collection Time: 10:30

Test Performed	Method	Results	Units	Analyst	Analysis Date
Aromatic Volatile Organics	EPA 8020			JPM	5/03/96
Methyl Tertiary Butyl Ether	EPA 8020	BPQL	ug/L	JPM	5/03/96
Benzene	EPA 8020	BPQL	ug/L	JPM	5/03/96
Toluene	EPA 8020	BPQL	ug/L	JPM	5/03/96
Ethyl Benzene	EPA 8020	BPQL	ug/L	JPM	5/03/96
Total Xylenes	EPA 8020	BPQL	ug/L	JPM	5/03/96
Chlorobenzene	EPA 8020	BPQL	ug/L	JPM	5/03/96
1,2-Dichlorobenzene	EPA 8020	BPQL	ug/L	JPM	5/03/96
1,3-Dichlorobenzene	EPA 8020	BPQL	ug/L	JPM	5/03/96
1,4-Dichlorobenzene	EPA 8020	BPQL	ug/L	JPM	5/03/96
Surrogate: 8020				JPM	5/03/96
***Bromofluorobenzene-8020		106	% Recovery	JPM	5/03/96

Sample Desc.: Hoffer-MW 107
Sample Date: 5/01/96
Collection Time: 10:55

Test Performed	Method	Results	Units	Analyst	Analysis Date
Aromatic Volatile Organics	EPA 8020			JPM	5/03/96
Methyl Tertiary Butyl Ether	EPA 8020	BPQL	ug/L	JPM	5/03/96
Benzene	EPA 8020	BPQL	ug/L	JPM	5/03/96

ANALYTICAL REPORT

Project Name: J & A Auto
Project No.: 090048

Work Order No.: 9605-01374

Sample Desc.: Hoffer-MW 107
Sample Date: 5/01/96
Collection Time: 10:55

Test Performed	Method	Results	Units	Analyst	Analysis Date
Toluene	EPA 8020	BPQL	ug/L	JPM	5/03/96
Ethyl Benzene	EPA 8020	BPQL	ug/L	JPM	5/03/96
Total Xylenes	EPA 8020	BPQL	ug/L	JPM	5/03/96
Chlorobenzene	EPA 8020	BPQL	ug/L	JPM	5/03/96
1,2-Dichlorobenzene	EPA 8020	BPQL	ug/L	JPM	5/03/96
1,3-Dichlorobenzene	EPA 8020	BPQL	ug/L	JPM	5/03/96
1,4-Dichlorobenzene	EPA 8020	BPQL	ug/L	JPM	5/03/96
Surrogate: 8020				JPM	5/03/96
***Bromofluorobenzene-8020		107	% Recovery	JPM	5/03/96

Sample Desc.: Hoffer-MW 110
Sample Date: 5/01/96
Collection Time: 11:10

Test Performed	Method	Results	Units	Analyst	Analysis Date
Aromatic Volatile Organics	EPA 8020			JPM	5/03/96
Methyl Tertiary Butyl Ether	EPA 8020	19	ug/L	JPM	5/03/96
Benzene	EPA 8020	BPQL	ug/L	JPM	5/03/96
Toluene	EPA 8020	BPQL	ug/L	JPM	5/03/96
Ethyl Benzene	EPA 8020	BPQL	ug/L	JPM	5/03/96
Total Xylenes	EPA 8020	BPQL	ug/L	JPM	5/03/96
Chlorobenzene	EPA 8020	BPQL	ug/L	JPM	5/03/96
1,2-Dichlorobenzene	EPA 8020	BPQL	ug/L	JPM	5/03/96
1,3-Dichlorobenzene	EPA 8020	BPQL	ug/L	JPM	5/03/96
1,4-Dichlorobenzene	EPA 8020	BPQL	ug/L	JPM	5/03/96
Surrogate: 8020				JPM	5/03/96
***Bromofluorobenzene-8020		107	% Recovery	JPM	5/03/96

Sample Desc.: Hoffer-MW 109
Sample Date: 5/01/96
Collection Time: 11:30

Test Performed	Method	Results	Units	Analyst	Analysis Date
Aromatic Volatile Organics	EPA 8020			JPM	5/03/96
Methyl Tertiary Butyl Ether	EPA 8020	9	ug/L	JPM	5/03/96
Benzene	EPA 8020	BPQL	ug/L	JPM	5/03/96
Toluene	EPA 8020	BPQL	ug/L	JPM	5/03/96
Ethyl Benzene	EPA 8020	BPQL	ug/L	JPM	5/03/96
Total Xylenes	EPA 8020	BPQL	ug/L	JPM	5/03/96

ANALYTICAL REPORT

Project Name: J & A Auto
Project No.: 090048

Work Order No.: 9605-01374

Sample Desc.: Hoffer-MW 109
Sample Date: 5/01/96
Collection Time: 11:30

Test Performed	Method	Results	Units	Analyst	Analysis Date
Chlorobenzene	EPA 8020	BPQL	ug/L	JPM	5/03/96
1,2-Dichlorobenzene	EPA 8020	BPQL	ug/L	JPM	5/03/96
1,3-Dichlorobenzene	EPA 8020	BPQL	ug/L	JPM	5/03/96
1,4-Dichlorobenzene	EPA 8020	BPQL	ug/L	JPM	5/03/96
Surrogate: 8020				JPM	5/03/96
***Bromofluorobenzene-8020		106	% Recovery	JPM	5/03/96

Sample Desc.: Hoffer-MW D
Sample Date: 5/01/96
Collection Time: 11:40

Test Performed	Method	Results	Units	Analyst	Analysis Date
				JPM	5/03/96
Aromatic Volatile Organics	EPA 8020			JPM	5/03/96
Methyl Tertiary Butyl Ether	EPA 8020	9	ug/L	JPM	5/03/96
Benzene	EPA 8020	BPQL	ug/L	JPM	5/03/96
Toluene	EPA 8020	BPQL	ug/L	JPM	5/03/96
Ethyl Benzene	EPA 8020	BPQL	ug/L	JPM	5/03/96
Total Xylenes	EPA 8020	BPQL	ug/L	JPM	5/03/96
Chlorobenzene	EPA 8020	BPQL	ug/L	JPM	5/03/96
1,2-Dichlorobenzene	EPA 8020	BPQL	ug/L	JPM	5/03/96
1,3-Dichlorobenzene	EPA 8020	BPQL	ug/L	JPM	5/03/96
1,4-Dichlorobenzene	EPA 8020	BPQL	ug/L	JPM	5/03/96
Surrogate: 8020				JPM	5/03/96
***Bromofluorobenzene-8020		107	% Recovery	JPM	5/03/96

Sample Desc.: Hoffer-FB 01
Sample Date: 5/01/96
Collection Time: 11:45

Test Performed	Method	Results	Units	Analyst	Analysis Date
				JPM	5/03/96
Aromatic Volatile Organics	EPA 8020			JPM	5/03/96
Methyl Tertiary Butyl Ether	EPA 8020	BPQL	ug/L	JPM	5/03/96
Benzene	EPA 8020	BPQL	ug/L	JPM	5/03/96
Toluene	EPA 8020	1	ug/L	JPM	5/03/96
Ethyl Benzene	EPA 8020	BPQL	ug/L	JPM	5/03/96
Total Xylenes	EPA 8020	BPQL	ug/L	JPM	5/03/96
Chlorobenzene	EPA 8020	BPQL	ug/L	JPM	5/03/96
1,2-Dichlorobenzene	EPA 8020	BPQL	ug/L	JPM	5/03/96
1,3-Dichlorobenzene	EPA 8020	BPQL	ug/L	JPM	5/03/96

ANALYTICAL REPORT

Project Name: J & A Auto
Project No.: 090048

Work Order No.: 9605-01374

Sample Desc.: Hoffer-FB 01
Sample Date: 5/01/96
Collection Time: 11:45

Test Performed	Method	Results	Units	Analyst	Analysis Date
1,4-Dichlorobenzene	EPA 8020	BPQL	ug/L	JPM	5/03/96
Surrogate: 8020				JPM	5/03/96
***Bromofluorobenzene-8020		107	% Recovery	JPM	5/03/96

Sample Desc.: Hoffer-Trip Blank
Sample Date: 5/01/96
Collection Time: 9:40

Test Performed	Method	Results	Units	Analyst	Analysis Date
Aromatic Volatile Organics	EPA 8020			JPM	5/03/96
Methyl Tertiary Butyl Ether	EPA 8020	BPQL	ug/L	JPM	5/03/96
Benzene	EPA 8020	BPQL	ug/L	JPM	5/03/96
Toluene	EPA 8020	BPQL	ug/L	JPM	5/03/96
Ethyl Benzene	EPA 8020	BPQL	ug/L	JPM	5/03/96
Total Xylenes	EPA 8020	BPQL	ug/L	JPM	5/03/96
Chlorobenzene	EPA 8020	BPQL	ug/L	JPM	5/03/96
1,2-Dichlorobenzene	EPA 8020	BPQL	ug/L	JPM	5/03/96
1,3-Dichlorobenzene	EPA 8020	BPQL	ug/L	JPM	5/03/96
1,4-Dichlorobenzene	EPA 8020	BPQL	ug/L	JPM	5/03/96
Surrogate: 8020				JPM	5/03/96
***Bromofluorobenzene-8020		107	% Recovery	JPM	5/03/96

BPQL = Below Practical Quantitation Limit; 1 ug/L

c: Hoffer & Associates

Authorized by: Patrick Lamothe

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